

WHAT IS CLAIMED IS:

1. A medical device, comprising:

a tank member of biodegradable material having a chamber capable of sealing a medicament injected therein;

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at least one anchor member of biodegradable material extending from said tank member;

wherein said anchor member is tapered toward a tip thereof, and has at least one protruding portion extending therefrom.

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2. A medical device, comprising:

a plurality of tank members of biodegradable material, each of said tank members having a chamber capable of sealing a medicament injected therein;

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a connector member of biodegradable material connecting adjacent tank members;

a cap member arranged on said connector member for hermetically sealing each of said tank members; and

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at least one anchor member of biodegradable material extending from said tank member;

wherein said anchor member is tapered toward a tip thereof, and has at least one protruding portion extending therefrom.

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3. A medical device, comprising:

an anchor member of biodegradable material having a chamber capable of sealing a medicament injected therein;

wherein said anchor member is tapered toward a tip thereof, and has at least one protruding portion extending therefrom.

4. A medical device, comprising:

a tank member of biodegradable material containing a medicament therein; and

at least one anchor member of biodegradable material extending from said tank member;

wherein said anchor member has a plurality of protruding portions combining a plurality of quadrangular pyramids having sides different from one another.

5. A medical device, comprising:

an anchor member of biodegradable material containing a medicament; and

wherein said anchor member has a plurality of protruding portions combining a plurality of quadrangular pyramids having sides different from one another.

6. A medical device, comprising:

an anchor member of biodegradable material having a

tip tapered at one end in a longitudinal direction, and a mass of a medicament attached at the other end;

5 wherein said anchor member has a plurality of protruding portions combining a plurality of quadrangular pyramids having sides different from one another.

7. A medical device, comprising:

an anchor member of biodegradable material having a chamber capable of sealing a medicament injected therein;

10 wherein said anchor member has both ends tapered in a longitudinal direction, and has at least one protruding portion extending therefrom.

15 8. The medical device according to either one of Claims 1 to 3,

wherein said anchor member has a plurality of protruding portions combining a plurality of quadrangular pyramids having sides different from one another.

20 9. The medical device according to either one of Claims 1 to 3,

wherein the protruding portion extends towards a direction inclined to a longitudinal direction towards the tip at an obtuse angle.

10. The medical device according to either one of Claims 1 to 7,

wherein the biodegradable material includes polylactic acid, glue, starch, protein, or glucose.

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11. The medical device according to Claim 1 or 2,

wherein said anchor member has a channel in fluid communication with the chamber of said tank member.

10 12. The medical device according to Claim 1 or 2, further comprising a plurality of said anchor members extending from said tank member towards different directions.

15 13. The medical device according to Claim 1 or 2, further comprising a plurality of said anchor members extending from said tank member towards same directions.

20 14. The medical device according to Claim 3, wherein the tip of said anchor member is tapered as viewing in top plan and cross sectional views.

15. A manufacturing process of a medical device, comprising:

25 forming semiconductor oxide layers on first and second semiconductor substrates;